

# Summary and Observations by Ruzena Bajcsy

What does Computer Science  
brings to the table?

# Summary

- Beyond the obvious: networking, large data bases, image processing, and so on.
- What is needed : Integrated Systems.
- This is not only interoperability, but recognition that the system is composed and integrated from devices/instruments, people and software.
- This is a challenging research problem how to design, model such systems since they are nonlinear, hybrid systems.

# Summary-Challenges

- The above integrated system design and modeling demands multidisciplinary team which does not come naturally in academic setting.
- We need to change the rewards system both in academic institutions as well as in funding institutions.
- This is a call for change of CULTURE.